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JC873 U.S. PTO
09/631407
08/03/00

LIMBACH & LIMBACH L.L.P.
 2001 Ferry Building, San Francisco, CA 94111
 415/433-4150

Address to:
 Box Patent Application
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Attorney's Docket No. USAP-1700

First Named Inventor Stephen Jackson

UTILITY PATENT APPLICATION TRANSMITTAL

(under 37 CFR 1.53(b))

SIR:

Transmitted herewith for filing is the patent application entitled:
 ADJUSTABLE SEAT COVERS FOR HIGH OR LOW BACK SEATS

CERTIFICATION UNDER 37 CFR § 1.10

I hereby certify that this New Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date August 3, 2000, in an envelope bearing "Express Mail Post Office To Addressee" Mailing Label Number EL254064923US addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

JOAN MAZZEO

(Name of person mailing paper)

(Signature)

Enclosed are:

1. X Transmittal Form (two copies required)
2. The papers required for filing date under CFR § 1.53(b):
 - i. 11 Pages of specification (including claims and abstract);
 - ii. 3 Sheets of drawings.

— formal X informal
3. Declaration or oath
 - a. X Newly unexecuted (original or copy)
4. — Microfiche Computer Program (Appendix, see 37 CFR 1.96)
5. — Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - i. — Computer Readable Copy
 - ii. — Paper Copy (identical to computer copy)
 - iii. — Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

6. — An assignment of the invention to is attached (including Form PTO-1595).
 - i. — 37 CFR 3.73(b) Statement (when there is an assignee)
7. — Power of Attorney
8. — An Information Disclosure Statement (IDS) is enclosed, including a PTO-1449 and copies of — references.
9. — Preliminary Amendment.
10. X Return Receipt Postcard (MPEP 503 -- should be specifically itemized)
11. — Other
12. FOREIGN PRIORITY
 - ☐ Priority of application no. — filed on — in — is claimed under 35 USC 119.

The certified copy of the priority application:

JC873 U.S. PTO
09/631407
08/03/00

09/631407-080300

- English Translation Document (if applicable)

a. Amendment changing number of claims or deleting multiple dependencies is enclosed.

	Number Filed	Number Extra	Rate	Basic Fee (\$690)
Total Claims	15 - 20	* 0	x \$18.00	0.00
Independent Claims	3 - 3	* 0	x \$78.00	0.00
Multiple dependent claim(s), if any			\$260.00	0.00

*If less than zero, enter "0".

Filing Fee Calculation \$690.00

50% Filing Fee Reduction (if applicable) \$345.00

a. X A small entity statement is enclosed.

b. — A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.

c. — is no longer claimed.

— Recording Assignment [\$40.00]	\$0.00
— Other fees	
— Specify _____	\$0.00

Total Fees Enclosed \$345.00

X Check(s) in the amount of \$ 345.00 enclosed.
 ___ Charge Account No. 12-1420 in the amount of \$ ___.
A duplicate of this transmittal is attached.

17. All correspondence regarding this application should be forwarded to the undersigned attorney:

Cameron A. King
Limbach & Limbach L.L.P.
2001 Ferry Building
San Francisco, CA 94111
Telephone: 415/433-4150
Facsimile: 415/433-8716

18. Authorization to Charge Additional Fees

- X The Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR § 1.16 or § 1.17 to Account No. 12-1420. **A duplicate of this transmittal is attached.**

LIMBACH & LIMBACH L.L.P.

(Date)

Attorney Docket No. USAP-1700

By:

Cameron A. King
Registration No. 41,897
Attorney(s) or Agent(s) of Record

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PAGE 02

Sent by: LIMBACH & LIMBACH

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09/03/00 12:35PM; JetFax #7777; Page 2/2Express Mail Number 9525406492315Attorney's
Docket No.: USAP-1702Applicant or Patentee Stephen Jackson et al.Appn. or Patent No.: New ApplicationFiled by Kenneth HornbushFor: ADJUSTABLE SEAT COVERS FOR HIGH OR LOW BACK SEATS**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

- ☐ the owner of the small business concern identified below;
☒ an official of the small business concern empowered to act on behalf of the concern identified below;

NAME OF CONCERN USA ProductsADDRESS OF CONCERN 1307 East Pine Street, Los Angeles, CA 90020-1700

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-14, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled ADJUSTABLE SEAT COVERS FOR HIGH OR LOW BACK SEATS by inventor(s) Stephen Jackson et al., described in

- ☒ the specification filed herewith with title as listed above.
☐ application no. , filed .
☐ patent no. , issued .

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below, and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.3(c) if that person made the invention, or by inventor, who could not qualify as a small business concern under 37 CFR 1.3(d) or a nonprofit organization under 37 CFR 1.3(a).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention asserting to their status as small entities. (37 CFR 1.27).

NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time or paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Stephen D. JacksonTITLE OF PERSON OTHER THAN OWNER PresidentADDRESS OF PERSON SIGNING 1307 East Pine Street, Los Angeles, CA 90020-1700SIGNATURE [Signature]DATE: 3 AUG 2000

09631407-0880300

ADJUSTABLE SEAT COVERS FOR HIGH OR LOW BACK SEATS

Inventor(s): Stephen Jackson
Michael Wilcox

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BACKGROUND OF THE INVENTION

The present invention relates to automobile seat covers, and more particularly to automobile seat covers capable of fitting a variety of automobile seat configurations.

- 10 Automobile seats, in particular so-called bucket style or bucket-type seats, typically come in two general designs: high-back and low-back seats. Low back seats generally have a back portion terminating at or about the shoulder level of a seat occupant, whereas high-back seats, as the name implies, have back portions that extend higher than the back portions of low-back seats.
- 15 It is also generally the case that the uppermost back portion of high-back seats generally narrows relative to the lower portion.

- These different styles have necessarily led to the manufacture of automobile seat covers of different configurations that correspond to each style. Efforts to devise so-called universal-fit seat covers, i.e., covers that can fit both
- 20 low-back and high-back seats, have employed synthetic elastic or stretchable materials. Examples of such seat covers are disclosed in, for example, U.S. Patent No 4,958,886. However, natural materials, and, in particular, animal hides such as sheepskin remain very popular for automobile seat covers, for both comfort and aesthetic reasons. Because sheepskin is non-elastic or non-
- 25 stretchable, it has typically been necessary for manufacturers and retailers to design, manufacture and stock at least two versions of sheepskin seat covers, i.e., high-back and low-back versions. Attempts have been made to design universal seat covers where a portion of the seat cover consists of sheepskin. For example, U.S. Patent No. 4,676,549 discloses a seat cover having a
- 30 sheepskin panel and a cap portion made of a stretchable material. However, for reasons of comfort, look, and marketability, there remains a need for universal seat covers that employ sheepskin.

SUMMARY OF THE INVENTION

The present invention meets these and other needs and is directed to an automobile seat cover capable of being secured over both high-back and low-back automobile seats. In one aspect, the invention provides for an automobile seat cover having a seat portion connected to a back portion. The seat portion is formed of a surface panel and a side panel affixed thereto. The back portion is formed of a forward panel affixed to upper and lower rear panels, the bottom edge of the upper rear panel extending below the top edge of the lower rear panel. The seat cover also includes straps for securing the cover to the seat, as well as maintaining a smooth custom fit appearance when the cover is secured over both low-back and high-back seats. These straps include a plurality of first spaced-apart straps extend from the top edge of the upper rear panel, and one or more second straps extend from the bottom edge of the upper rear panel. The straps can be secured under tension to the seat frame or to other straps originating from the seat portion of the cover in order to maintain the back portion of the seat cover in place.

In an embodiment of the invention, the surface panel of the seat portion and the forward panel of the back portion are formed of an inelastic material, such as an animal hide. In a preferred embodiment, these panels are formed of sheepskin. In another embodiment of the invention, the side and rear panels are formed of an elastic material.

In yet another embodiment, a sleeve containing a drawstring is provided along the top edge of the lower rear panel. A portion of the drawstring extends through the sleeve. By pulling the extended portion and locking it in place against the sleeve, the top edge is placed into and maintained in a constricted condition.

A more complete understanding of the invention will be apparent by reference to the following drawings and description.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a bottom view of a seat cover according to one embodiment of the invention showing the underside of the seat cover;

FIG. 2 is a perspective view of the seat cover of another embodiment of the invention, oriented for mounting onto an automobile seat;

FIG. 3 is a perspective view, with parts broken away, of the seat cover of FIG. 1 mounted onto a high-back automobile seat; and

FIG. 4 is a perspective view, with parts broken away, of the seat cover of FIG. 1 mounted onto a low-back automobile seat.

DETAILED DESCRIPTION OF THE INVENTION

Embodiments of seat covers according to the present invention are depicted in FIGS. 1 and 2, respectively. Seat covers 10 and 11, as depicted, both include seat portion 12 and back portion 30. As more clearly shown in FIG. 2, the seat portion is configured to fit over and cover the seat portion of an automobile seat (not shown), and the back portion is configured to fit over and cover the back of an automobile seat, whether it be of the high-back or low-back variety. A plurality of securing straps and hooks are provided for securing the seat cover to the seat, as will be more fully described herein.

Seat portion 12 includes surface panel 14 that is configured to generally correspond to and cover the seat surface of an automobile seat. Side panel 16 is affixed to the front and side edges of upper surface panel 14 and extends downward therefrom. The side panel is thus configured to cover the front and side faces of an automobile seat. The bottom edge of side panel 16 is rimmed with elastic hem 18. The hem serves to gather the bottom portions of the side panel under the seat itself when the seat cover is installed, helping to maintain seat portion 10 in place and providing for a smoother exterior appearance. Front elastic securing straps 20, 21, and 22 having hooks 23, 24 and 25, respectively, extend from the bottom front edge of panel 16. Similarly, side elastic securing straps 26 and 27 having hooks 28 and 29, respectively, extend from either side edge of panel 16. The straps and hooks are used to more firmly secure seat portion 12 to the automobile seat by securing the straps under

tension. This can be accomplished, for example, by securing the hooks to the underside frame of the automobile seat or by securing the hooks of opposing straps.

Back portion **30** includes forward panel **32** and upper and lower rear panels **34, 40**. Upper rear panel **34** is affixed to upper and side edges of forward panel **32** along top edge **35** and side edges **37, 38** of the upper rear panel. Lower rear panel **40** is affixed to side edges of forward panel **32** along side edges **43, 44** of the lower rear panel. Lower rear panel **40** is positioned such that an upper region of the lower rear panel overlaps a lower region of upper rear panel **34**. That is, bottom edge **36** of upper rear panel **34** extends below top edge **41** of lower rear panel **40**. Elastic hem **31** is secured along the bottom edge **42** of lower rear panel **40** and serves to gather material at the bottom edge for a smooth appearance.

Back portion **30** is attached to seat portion **12**. Specifically, the bottom edge of forward panel **32** of the back portion is affixed to the rear edge of upper surface panel **14** of the seat portion. Elastic center securing straps **60** and **61** having hooks **62** and **63**, respectively, extend from the junction of forward panel **32** and surface panel **14**. When the seat cover is applied to a seat, these straps can be fed through the space between the seat back and the seat itself, and then secured to the seat frame or to other straps originating from the seat cover.

Panels **14** and **32** are formed of an inelastic, non-stretchable material. Suitable inelastic materials include those woven or knit from synthetic or natural fibers, and others such as animal hides, e.g., sheepskin or leather. In a preferred embodiment of the invention, the inelastic material is a sheepskin.

Panels **16, 34** and **40** can be formed of any suitable material, including synthetic and non-synthetic materials, although it is preferred that they have some elasticity. For aesthetic reasons, it is preferable that materials of panels **14** and **32**, and panels **16, 34** and **40** are of a similar texture. For example, where surface and forward panels **14** and **32** are formed of sheepskin, rear panels **34** and **40** can be formed of a stretchable synthetic fur material chosen to match the sheepskin in color and texture, thereby giving a pleasing overall appearance to

the cover. The panels can be affixed to each other as described above by stitching or other conventional means known in the art.

Sleeve **50** extends along top edge **41** of lower rear panel **40**. Drawstring **46** extends through the sleeve, and is secured at either end at or near side edges **43, 44**. A portion of the drawstring extends from the sleeve. By pulling on this extended portion of the drawstring, top edge **41** of lower rear panel **40** can be constricted. Barrel lock **52** is disposed on the extending portion and can be employed to lock the drawstring in place and maintain top edge **41** in a constricted condition.

Rear elastic securing straps **54, 55** and **56** extend along the inward facing sides of upper and lower rear panels **34** and **40**, such that they are hidden from view when the seat cover is installed onto a seat. Straps **54, 55** and **56** include securing hooks **57, 58**, and **59**, respectively, for attachment to the seat frame or to securing hooks of opposing straps originating from seat portion **12**. In particular, securing straps **54** and **56** originate at spaced-apart locations along top edge **35** of upper rear panel **34**. Securing strap **55** originates from bottom edge **36** of upper rear panel **34**. As detailed below, these straps in conjunction with the design of rear panels **34** and **40** operate to provide an adjustable seat cover that can fit either high-back or low-back seats.

Seat cover **11** of FIG. 2 has the added feature of storage pocket **45** formed between the overlapping portions of upper and lower rear panels **34** and **40**. As depicted, pocket lining **48** extends from bottom edge **36** of upper rear panel **34** and connects to top edge **41** of lower rear panel **40** to form the storage pocket. The pocket lining can be formed of a variety of suitable materials. The configuration and depth of the pocket can be altered by changing the shape and size of the pocket lining. It will be appreciated that a storage pocket can also be created by securing the pocket lining at locations along lower rear panel **40** but below top edge **41**.

To install the seat cover **10** onto either a low-back or high-back automobile seat, the seat portion **12** is placed over the seat itself and back portion **30** is fitted over the seat back. The elastic straps are used to tighten down and secure the seat cover into place on the seat. As mentioned, the straps

can be hooked onto the seat frame itself or alternatively, opposing hooks can be secured to one another to create the appropriate tension on the seat cover. For example, side straps 26 and 27 can be secured to one another. Similarly, front straps 20, 21 and 22 can be secured to rear straps 54, 55 and 56, respectively.

5 As more clearly shown in FIG. 3, in the case of installation over a high-back seat, the seat back itself will essentially fill back portion 30. The elasticity of rear panels 34 and 40 provide for a snug fit and smooth appearance. By tightening drawstring 46 and securing it with barrel lock 52, the back portion can be even more tightly cinched onto the seat back. Tightening drawstring 46
10 also serves to close off the opening to storage pocket 45 in the embodiment of FIG. 2. The barrel lock and excess portion of the drawstring extending from sleeve 50 can be tucked behind panel 40.

FIG. 4 shows cover 10 secured over a low-back seat. As seen, securing straps 54 and 56 impart a pulling force on the top of forward panel 32. This
15 pulling force causes the top portion of panel 32 to be drawn over the top and upper back portion of the seat itself. The result is that the forward-facing panel 32 retains a smooth-fitting appearance over the front portion of the seat back. At the same time, securing strap 55 also imparts a pulling force on upper rear panel 34. This results in a taking up of slack in rear panel 34 created when the
20 top of forward panel 32 is drawn over the seat top by straps 54 and 56. Further, the elastic nature of panel 34 also takes up additional slack in the panel. Any additional excessive gathering or bunching of the material of panel 34 can be manually pushed behind the top region of lower panel 40. Again, by tightening drawstring 46 and securing it with barrel lock 52, the entire back portion of the
25 cover can be even more tightly cinched onto the seat back. The end result is that cover maintains a smooth, custom-fit appearance on a low-back seat. It will be appreciated that the design can also accommodate a wide variety of seat sizes ranging between high-back and low-back styles. In any such case, the operation of the straps and the rear panels yield a smooth, custom fit
30 appearance.

Although only certain embodiments have been illustrated and described, those having ordinary skill in the art will understand that the invention is not

limited to the specifics of these embodiments, but rather is defined by the accompanying claims.

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I (WE) CLAIM:

1. An adjustable automobile seat cover capable of conforming to a high-back or low-back automobile seat, the cover comprising:

a seat portion having a surface panel and a side panel affixed to the surface panel;

a back portion having a forward panel, and upper and lower rear panels, each panel having top, bottom and side edges, the upper rear panel affixed to the forward panel along the top and side edges of each, the lower rear panel affixed to the forward panel along the side edges of each, the bottom edge of the upper rear panel extending below the top edge of the lower rear panel; and

a plurality of securing straps for securing the cover to the seat, including first spaced-apart securing straps extending from the upper edge of the top rear panel, and one or more second securing straps extending from the bottom edge of the top rear panel.

2. The seat cover of claim 1 wherein said surface and forward panels are formed of an inelastic material.

3. The seat cover of claim 2 wherein said inelastic material is sheepskin.

4. The seat cover of claim 1 wherein said upper and lower rear panels are formed of an elastic material.

5. The seat cover of claim 1 further comprising means for constricting the top edge of the lower rear panel.

6. The seat cover of claim 5 wherein said constricting means comprises a drawstring.

7. The seat cover of claim 6 further comprising a sleeve affixed to the top edge of the rear panel, wherein the sleeve contains the drawstring.

8. The seat cover of claim 1 further comprising a pocket lining extending from the bottom edge of the upper rear panel to the top edge of the lower rear panel.

9. An adjustable automobile seat cover capable of conforming to a high-back or low-back automobile seat, the cover comprising:

a seat portion having a surface panel and a side panel affixed to the surface panel;

a back portion having a forward panel, and upper and lower rear panels, each panel having top, bottom and side edges, the upper rear panel affixed to the forward panel along the top and side edges of each, the lower rear panel affixed to the forward panel along the side edges of each, the bottom edge of the upper rear panel extending below the top edge of the lower rear panel;

a plurality of securing straps for securing the cover to the seat, including first spaced-apart securing straps extending from the upper edge of the top rear panel, and one or more second securing straps extending from the bottom edge of the top rear panel; and

a drawstring for constricting the upper edge of the lower rear panel, the drawstring extending through a sleeve affixed to the top edge of the lower rear panel.

10. The seat cover of claim 9 wherein said surface and forward panels are formed of an inelastic material.

11. The seat cover of claim 10 wherein said inelastic material is sheepskin.

12. The seat cover of claim 9 wherein said upper and lower rear panels are formed of an elastic material.

13. The seat cover of claim 9 further comprising a pocket lining extending from the bottom edge of the upper rear panel to the top edge of the lower rear panel.

14. An adjustable automobile seat cover capable of conforming to a high-back or low-back automobile seat, the cover comprising:

a seat portion having a surface panel formed of an inelastic material and a side panel formed of an elastic material affixed to the surface panel;

a back portion having a forward panel formed of an inelastic material, and upper and lower rear panels formed of an elastic material, each panel having top, bottom and side edges, the upper rear panel affixed to the forward panel along the top and side edges of each, the lower rear panel affixed to the forward panel along the side edges of each, the bottom edge of the upper rear panel extending below the top edge of the lower rear panel;

a plurality of securing straps for securing the cover to the seat, including first spaced-apart securing straps extending from the upper edge of the top rear panel, and one or more second securing straps extending from the bottom edge of the top rear panel;

a drawstring for constricting the upper edge of the lower rear panel, the drawstring extending through a sleeve affixed to the top edge of the lower rear panel;

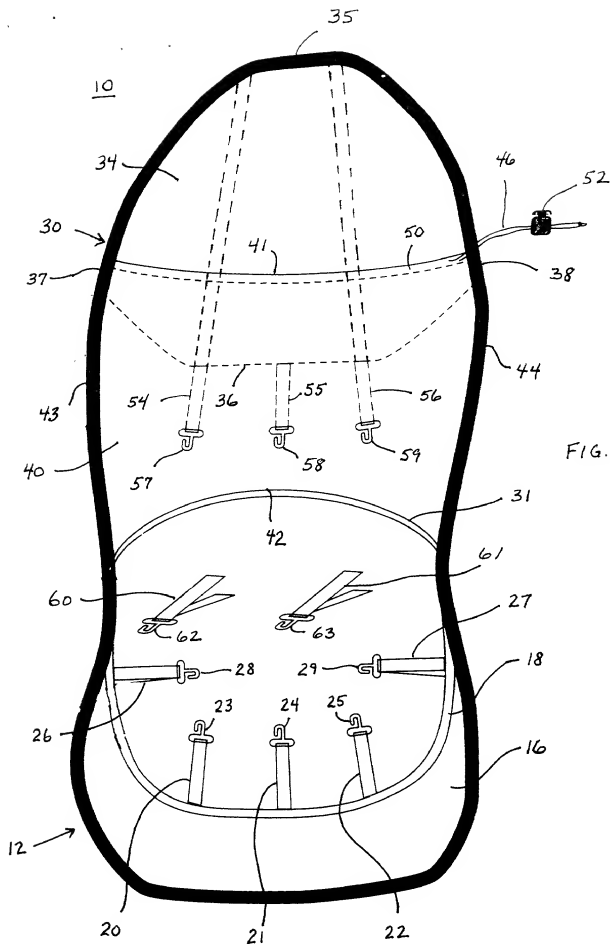
and a pocket lining extending from the bottom edge of the upper rear panel to the top edge of the lower rear panel

15. The seat cover of claim 14 wherein said inelastic material is sheepskin.

ABSTRACT

An adjustable seat cover capable of fitting low-back and high-back automobile seats. The seat cover includes a back portion having upper and lower rear panels, the bottom edge of the upper rear panel extending below the top edge of the lower rear panel. A plurality of spaced-apart straps extends from the top edge of the upper rear panel and one or more straps extend from the bottom edge of the upper rear panel. The straps both secure the cover to the seat as well as providing for and maintaining a smooth, custom-fit appearance when the cover is installed on both low-back and high-back seats.

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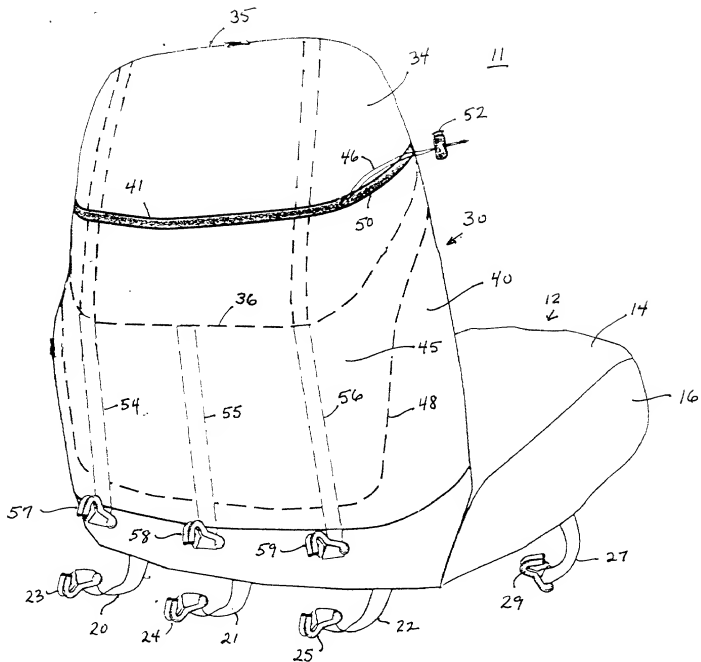


FIG. 2

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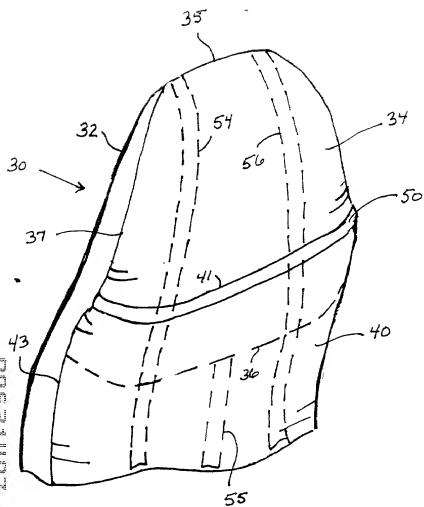
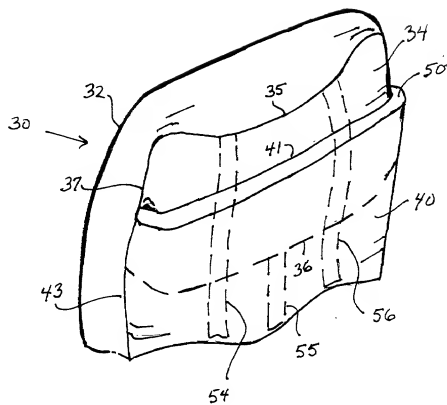


FIG. 3

FIG. 4



Atty Docket No. USAP-1700

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ADJUSTABLE SEAT COVERS FOR HIGH OR LOW BACK SEATS

the specification of which (check one) X is attached hereto or was filed on as Application No.
and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed	
Yes	No

Number	Country	Day/Month/Year Filed
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Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

Application Number	Filing Date
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Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date	Status: Patented, Pending, Abandoned
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Application Number	Filing Date	Status: Patented, Pending, Abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Stephen Jackson

Inventor's signature _____

Date _____

Residence 4173 Fort Donelson, Stockton, CA 95219

Citizenship U.S.A.

Post Office Address 4173 Fort Donelson, Stockton, CA 95219

Full name of second joint inventor, if any, Michael Wilcox

Inventor's signature _____

Date _____

Residence 398 Valley Oak Place, Woodbridge, CA 95258

Citizenship U.S.A.

Post Office Address 398 Valley Oak Place, Woodbridge, CA 95258

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